

INTERNATIONAL SEARCH REPORT

International application No. ,

PCT/JP2005/014742

A. CLASSIFICATION OF SUBJECT MATTER

G11B21/21 (2006.01), 5/84 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G11B21/21 (2006.01), 5/84 (2006.01)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-190109 A (Hitachi Metals, Ltd.), 05 July, 2002 (05.07.02), Par. Nos. [0027] to [0036]; Figs. 1 to 3 (Family: none)	1-7
Y	JP 2003-030944 A (Fujitsu Ltd.), 31 January, 2003 (31.01.03), Par. Nos. [0043] to [0049]; Fig. 2 & US 2003/026015 A1	1-7
Y	JP 07-111053 A (Toshiba Corp.), 25 April, 1995 (25.04.95), Full text; Figs. 17, 18, 23 & US 6021024 A	4



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
17 November, 2005 (17.11.05)

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29 November, 2005 (29.11.05)

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